

EXHIBIT 42

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AMENDED APPENDIX H.AD - Adtran Usage of Disputed CLI Commands

Disputed Cisco Command	Adtran Command Syntax	Bates Number of Adtran Manual
area default-cost	area <area id> default-cost <value>	ARISTANDCA13172865
area default-cost (OSPFv3)	area <area id> default-cost <value>	ARISTANDCA13172865
area range	area <area id> range <ip address> <network mask> [advertise not-advertise]	ARISTANDCA13172865
area range (OSPFv3)	area <area id> range <ip address> <network mask> [advertise not-advertise]	ARISTANDCA13172865
area stub	area <area id> stub [no-summary]	ARISTANDCA13172865
area stub (OSPFv3)	area <area id> stub [no-summary]	ARISTANDCA13172865
banner login	banner [exec login motd] <character> <message> <character>	ARISTANDCA13172865
banner motd	banner [exec login motd] <character> <message> <character>	ARISTANDCA13172865
clear arp-cache	clear arp-cache	ARISTANDCA13172865
clear counters	clear counters <interface>	ARISTANDCA13172865
clock set	clock set <time> <day> <month> <year>	ARISTANDCA13172865
default-information originate (OSPF)	default-information-originate [always] [metric value] [metric-type type]	ARISTANDCA13172865
default-information originate (OSPFv3)	default-information-originate [always] [metric value] [metric-type type]	ARISTANDCA13172865
default-metric (OSPF)	default-metric <value>	ARISTANDCA13172865
default-metric (OSPFv3)	default-metric <value>	ARISTANDCA13172865
interface ethernet	Router(config)# interface ethernet 0/1	ARISTANDCA13172865
interface loopback	interface loopback <label>	ARISTANDCA13172865
ip access-group	ip access-group <listname> [in out]	ARISTANDCA13172865
ip access-list standard	ip access-list standard <listname>	ARISTANDCA13172865
ip domain lookup	ip domain-lookup	ARISTANDCA13172865
ip domain-name	ip domain-name <name>	CSI-CLI-01062265
ip helper-address	ip helper-address <address>	ARISTANDCA13172865
ip host	ip host <name> <address1>	ARISTANDCA13172865
ip name-server	ip name-server <server-address1> [server-address2....server-address6]	ARISTANDCA13172865
ip ospf authentication	ip ospf authentication [message-digest null]	ARISTANDCA13172865
ip ospf network	ip ospf network [broadcast point-to-point]	ARISTANDCA13172865
ip proxy-arp	ip proxy-arp <address>	ARISTANDCA13172865
ip routing	ip routing	ARISTANDCA13172865
mac-address	mac-address <address>	ARISTANDCA13172865
network area	network <ip address> <wildcard> area <area id>	ARISTANDCA13172865
passive-interface	passive-interface <interface>	ARISTANDCA13172865
passive-interface (OSPFv3)	passive-interface <interface>	ARISTANDCA13172865
router ospf	router ospf	ARISTANDCA13172865
router rip	router rip	ARISTANDCA13172865
show arp	show arp	ARISTANDCA13172865
show clock	show clock [detail]	ARISTANDCA13172865
show hosts	show hosts	ARISTANDCA13172865
show interfaces	show interfaces <interface>	ARISTANDCA13172865
show ip access-lists	show ip access-lists <listname>	ARISTANDCA13172865
show ip arp	show ip arp	ARISTANDCA13172865
show ip ospf	show ip ospf	ARISTANDCA13172865
show ip ospf border-routers	show ip ospf border-routers	ARISTANDCA13172865
show ip ospf interface	show ip ospf interface <interface type> <interface number>	ARISTANDCA13172865
show ip ospf neighbor	show ip ospf neighbor <interface type> <interface number> <neighbor id> [detail]	ARISTANDCA13172865
show ip route	show ip route [connected ospf rip static table]	ARISTANDCA13172865
show snmp	show snmp	ARISTANDCA13172865
show spanning-tree	show spanning-tree <bridgegroup#>	ARISTANDCA13172865
show version	show version	ARISTANDCA13172865
snmp-server chassis-id	snmp-server chassis-id <id string>	ARISTANDCA13172865
snmp-server community	snmp-server community <community> [ro rw] <listname>]	ARISTANDCA13172865
snmp-server contact	snmp-server contact <string>	ARISTANDCA13172865
snmp-server enable traps	snmp-server enable traps <trap type>	ARISTANDCA13172865
snmp-server location	snmp-server location <string>	ARISTANDCA13172865
aaa accounting	aaa accounting [suppress null-username]	ARISTANDCA13173433
aaa authentication login	aaa authentication login [<listname> default] [none line enable local group <groupname> group radius group tacacs+]	ARISTANDCA13173433
aaa authorization config-commands	aaa authorization [config-command console]	ARISTANDCA13173433
aaa authorization console	aaa authorization [config-command console]	ARISTANDCA13173433
aaa group server radius	aaa group server [radius tacacs+] <listname>	ARISTANDCA13173433
aaa group server tacacs+	aaa group server [radius tacacs+] <listname>	ARISTANDCA13173433
bgp log-neighbor-changes	bgp log-neighbor-changes	ARISTANDCA13173433
clear ip bgp	clear ip bgp [* <as-number> <ip address>] [in out soft]	ARISTANDCA13173433
clear ip igmp group	clear ip igmp group [<group-address> <interface>]	ARISTANDCA13173433
clear lldp counters	clear lldp counters	ARISTANDCA13173433
clear spanning-tree counters	clear spanning-tree counters [interface <interface id>]	ARISTANDCA13173433
clock timezone	clock timezone <text>	ARISTANDCA13173433
distance bgp	distance bgp <external> <internal> <local>	ARISTANDCA13173433
interface vlan	(config)#interface vlan 1	ARISTANDCA13173433
ip address	ip-address <address>	ARISTANDCA13173433
ip load-sharing	ip load-sharing [per-destination per-packet]	ARISTANDCA13173433
ip multicast-routing	ip multicast-routing	ARISTANDCA13173433

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ip ospf dead-interval	(config-demand 1)#ip ospf dead-interval 25000	ARISTANDCA13173433
ip pim sparse-mode	ip pim sparse-mode	ARISTANDCA13173433
ip radius source-interface	ip radius source-interface <interface>	ARISTANDCA13173433
lldp receive	lldp receive	ARISTANDCA13173433
maximum-paths	maximum paths <number>	ARISTANDCA13173433
maximum-paths (OSPFv3)	maximum paths <number>	ARISTANDCA13173433
radius-server deadtime	radius-server deadtime <minutes>	ARISTANDCA13173433
radius-server key	radius-server key <key>	ARISTANDCA13173433
radius-server timeout	radius-server timeout <seconds>	ARISTANDCA13173433
route-map	route-map <map-name> [permit deny] <sequence number>	ARISTANDCA13173433
router bgp	router bgp	ARISTANDCA13173433
show ip bgp	show ip bgp [regex <expression> summary]	ARISTANDCA13173433
show ip bgp community	show ip bgp community [<community number> . . . <community number> internet no export local-as no-advertise] [exact]	ARISTANDCA13173433
show ip bgp neighbors	show ip bgp neighbors <ip address>	ARISTANDCA13173433
show ip bgp regexp	Router#show ip bgp regexp _303_	ARISTANDCA13173433
show ip community-list	show ip community-list [<community-list-name>]	ARISTANDCA13173433
show ip igmp groups	show ip igmp groups <group-address>	ARISTANDCA13173433
show ip igmp interface	show ip igmp interface <interface>	ARISTANDCA13173433
show ip mroute	show ip mroute [<group-address> <interface>] [summary all]	ARISTANDCA13173433
show ip prefix-list	show ip prefix-list [detail summary] <listname>	ARISTANDCA13173433
show lldp	show lldp	ARISTANDCA13173433
show lldp neighbors	show lldp neighbors [interface <interface> <interface type> detail realtime]	ARISTANDCA13173433
show route-map	show route-map [<name>]	ARISTANDCA13173433
show users	show users [realtime]	ARISTANDCA13173433
snmp-server source-interface	snmp-server source-interface <interface>	ARISTANDCA13173433
snmp-server view	snmp-server view <viewname> <oidtree> [excluded included]	ARISTANDCA13173433
spanning-tree bpduguard	spanning-tree bpduguard [enable disable]	ARISTANDCA13173433
spanning-tree bpduguard	spanning-tree bpduguard [enable disable]	ARISTANDCA13173433
spanning-tree link-type	spanning-tree link-type [auto point-to-point shared]	ARISTANDCA13173433
spanning-tree mode	spanning-tree mode [rstp stp]	ARISTANDCA13173433
spanning-tree port-priority	spanning-tree port-priority <priority level>	ARISTANDCA13173433
tacacs-server host	tacacs-server host <hostname or IP address>	ARISTANDCA13173433
tacacs-server key	tacacs-server key <key>	ARISTANDCA13173433
tacacs-server timeout	tacacs-server timeout <seconds>	ARISTANDCA13173433
terminal length	terminal length <text>	ARISTANDCA13173433
address-family	address-family ipv4 address-family ipv6	ARISTANDCA13178601
boot system	boot system cflash <primary filename>	ARISTANDCA13178601
clear ipv6 neighbors	clear ipv6 neighbors <interface>	ARISTANDCA13178601
clear mac-address-table dynamic	clear mac address-table dynamic	ARISTANDCA13178601
interface port-channel	interface port-channel <interface id>	ARISTANDCA13178601
ip igmp last-member-query-interval	ip igmp last-member-query-interval <milliseconds>	ARISTANDCA13178601
ip igmp snooping	ip igmp snooping	ARISTANDCA13178601
ip igmp snooping vlan	ip igmp snooping vlan <vlan id>	ARISTANDCA13178601
ip nat pool	ip nat pool <name>	ARISTANDCA13178601
ip ospf authentication-key	ip ospf authentication-key <password>	ARISTANDCA13178601
ip ospf cost	ip ospf cost <value>	ARISTANDCA13178601
ip ospf hello-interval	ip ospf hello-interval <seconds>	ARISTANDCA13178601
ip ospf priority	ip ospf priority <value>	ARISTANDCA13178601
ip ospf retransmit-interval	ip ospf retransmit-interval <seconds>	ARISTANDCA13178601
ip ospf shutdown	ip ospf <process id> shutdown	ARISTANDCA13178601
ip ospf transmit-delay	ip ospf transmit-delay <seconds>	ARISTANDCA13178601
ip route	ip route <ip address> <subnet mask> <interface>	ARISTANDCA13178601
ipv6 access-list	ipv6 access-list extended <ipv6 acl name> ALSO ipv6 access-list standard <ipv6 acl name>	ARISTANDCA13178601
ipv6 address	ipv6 address <ipv6 address/prefix-length>	ARISTANDCA13178601
ipv6 dhcp relay destination	ipv6 dhcp relay destination <ipv6 address>	ARISTANDCA13178601
ipv6 nd managed-config-flag	ipv6 nd managed-config-flag	ARISTANDCA13178601
ipv6 nd ns-interval	ipv6 nd ns-interval <value>	ARISTANDCA13178601
ipv6 nd other-config-flag	ipv6 nd other-config-flag	ARISTANDCA13178601
ipv6 nd prefix	ipv6 nd prefix [named-prefix <prefix name>] [<ipv6 prefix/prefix-length> default]	ARISTANDCA13178601
ipv6 nd ra interval	ipv6 nd ra interval <max time>	ARISTANDCA13178601
ipv6 nd ra lifetime	ipv6 nd ra lifetime <value>	ARISTANDCA13178601
ipv6 nd ra suppress	ipv6 nd ra suppress	ARISTANDCA13178601
ipv6 nd router-preference	ipv6 nd router-preference high ipv6 nd router-preference low ipv6 nd router-preference medium	ARISTANDCA13178601
ipv6 prefix-list	ipv6 prefix-list <name> seq <number>	ARISTANDCA13178601
ipv6 route	ipv6 route [vrf <name>] <ipv6 prefix/prefix length> <ipv6 address>	ARISTANDCA13178601
mac-address-table aging-time	mac address-table aging-time <value>	ARISTANDCA13178601
mac-address-table static	mac address-table static <mac address>	ARISTANDCA13178601
port-channel load-balance	port-channel load-balance dst-mac port-channel load-balance src-mac	ARISTANDCA13178601

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show interfaces description	show interfaces description	ARISTANDCA13178601
show interfaces status	show interfaces status	ARISTANDCA13178601
show interfaces switchport	show interfaces switchport <slot/port>	ARISTANDCA13178601
show ip bgp summary	show ip bgp summary	ARISTANDCA13178601
show ip igmp snooping	show ip igmp snooping	ARISTANDCA13178601
show ip igmp snooping mrouter	show ip igmp snooping mrouter	ARISTANDCA13178601
show ip ospf database database-summary	show ip ospf database database-summary	ARISTANDCA13178601
show ip route summary	show ip route summary	ARISTANDCA13178601
show ipv6 access-list	show ipv6 access-list	ARISTANDCA13178601
show ipv6 neighbors	show ipv6 neighbors	ARISTANDCA13178601
show ipv6 prefix-list	show ipv6 prefix-list <name>	ARISTANDCA13178601
show ipv6 route	show ipv6 route	ARISTANDCA13178601
show ipv6 route summary	show ipv6 route summary	ARISTANDCA13178601
show mac-address-table	show mac address-table	ARISTANDCA13178601
show mac-address-table aging time	show mac address-table aging-time	ARISTANDCA13178601
show mac-address-table count	show mac address-table count	ARISTANDCA13178601
show monitor session	show monitor session <number>	ARISTANDCA13178601
show ntp associations	show ntp associations	ARISTANDCA13178601
show ntp status	show ntp status	ARISTANDCA13178601
show port-security	show port-security	ARISTANDCA13178601
show port-security address	show port-security address	ARISTANDCA13178601
show port-security interface	show port-security interface <interface>	ARISTANDCA13178601
show privilege	show privilege	ARISTANDCA13178601
show qos maps	show qos map	ARISTANDCA13178601
show snmp engineID	show snmp engineID	ARISTANDCA13178601
show snmp group	show snmp group	ARISTANDCA13178601
show snmp user	show snmp user	ARISTANDCA13178601
show spanning-tree blockedports	show spanning-tree blockedports	ARISTANDCA13178601
show spanning-tree interface	show spanning-tree interface <interface>	ARISTANDCA13178601
show spanning-tree root	show spanning-tree root	ARISTANDCA13178601
show track	show track	ARISTANDCA13178601
show vlan	show vlan	ARISTANDCA13178601
show vrf	show vrf	ARISTANDCA13178601
show vrrp	show vrrp	ARISTANDCA13178601
snmp-server engineID local	snmp-server engineID local <hex string>	ARISTANDCA13178601
snmp-server engineID remote	snmp-server engineID remote <ip address> <hex string>	ARISTANDCA13178601
snmp-server group	snmp-server group <groupname> v1	ARISTANDCA13178601
snmp-server user	snmp-server user <username> <groupname> v1	ARISTANDCA13178601
switchport port-security	switchport port-security	ARISTANDCA13178601
switchport port-security maximum	switchport port-security maximum <value>	ARISTANDCA13178601
vrf forwarding	vrf forwarding <name>	ARISTANDCA13178601

Total of 179 command abstractions listed above.